



SUGHAR SINGH ACADEMY (SWARN JAYANTI VIHAR)
I TERM EXAM SYLLABUS (2024-25)
CLASS-XII Science

Subject	Syllabus
English	Flamingo -1.The Last Lesson, 2.Lost Spring, 3.Deep Water, 4.The Rattrap, 5.Indigo Poem -1.My Mother at Sixty-Six, 2.Keeping Quiet, 3.A Thing of Beauty Vistas -1.The Third Level, 2.The Tiger King, 3.Journey to the End of the Earth, 4.The Enemy Writing Skills -Notice, Invitation, Article Writing, Report Writing, Letter, Comprehension passage
Hindi	आरोह गद्य खंड - 1. भक्तिन, 2. बाज़ार दर्शन, 3. काले काले मेघा पानी दे, 4. पहलवान की ढोलक काव्य खंड - 1.आत्मपरिचय, दिन जल्दी - जल्दी ढलता है, 2.पतंग, 3.बात सीधी थी पर,कविता के बहाने 4.कैमरे में बंद अपाहिज, 5.उषा, 6.बादल राग वितान - 1.सिल्वर वेडिंग, 2.जूझ अभिव्यक्ति और माध्यम - 1.विभिन्न माध्यमों के लिए लेखन, 2.पत्रकारीय लेखन के विभिन्न स्वरूप और लेखन प्रक्रिया, 3.विशेष लेखन, 4.कहानी और नाटक की रचना प्रक्रिया, अपठित गद्यांश और काव्यांश, रचनात्मक लेख
Mathematics	1.Relations and Functions, 2. Inverse Trigonometric Functions, 3. Matrices, 4. Determinants, 5. Continuity and Differentiability, 6. Integration, 7. Application of integrals, 8. Linear programming problems, 9. Differential Equations
Physics	1.Electric field and charges, 2.Gauss theorem, 3.Electric potential and capacitance, 4.Current Electricity, 5. Magnetic effect of current and magnetism, 6. E M .I and A.C, 7.Atom and nuclei, 8. Semiconductor
Chemistry	1- Solutions, 2-Electrochemistry, 3-D and F block elements, 4-Halo alkane and halo arenes, 5- Alcohol Phenol and ether, 6-Aldehyde ketone and Carboxylic acid, 7-Amines, 8-Biomolecules
Biology	1.Sexual reproduction in flowering plants, 2.Human reproduction, 3.Reproductive health, 4.Principles of inheritance and variation, 5.Molecular basis of inheritance, 6.Evolution, 7.Human health and disease, 8.Microbes in human welfare
Computer	Ch-1 Review of Python, Ch-2 Functions, Ch-3 File handling, Ch- 4 Data Structure, Ch-5 Module, Ch- 6 MySQL Database
Physical Education	1.Management of sporting events, 2.Children and women in sports, 3.Yoga as a preventive measures for life style diseases, 4.Physical Education & Sports for CWSN, 5.Sports and nutrition, 6.Test and measurement in sports